

**Abstract**

Compositions comprising a plurality of yeast cells, wherein said plurality of yeast cells are characterized by their ability to ameliorate renal failure (e.g., improved diuretic effect and/or lowering blood urea nitrogen, proteinuria, 5 and/or serum creatinine levels) in a subject as a result of having been cultured in the presence of an alternating electric field having a specific frequency and a specific field strength. Also included are methods of making and using such compositions.